

REMARKS

Claims 1-103 were pending in the present application. Applicants have added new claim 104 and cancelled claims 1-23 and 49-103 without prejudice to Applicants' right to pursue their subject matter in the present application and in related applications. Upon entry of the present amendment, claims 24-48 and 104 will be pending and presented for examination.

Support for new claim 104 is found in the application as originally filed at least, for example, in paragraphs 231 and 233, in Example 7, and in original claim 24. Applicants believe no new matter has been added by these amendments.

Amendments to the Drawings

FIG. 2, FIG. 40C, and FIG. 40D are amended. FIG. 2 is amended to recite **3'** at the right end of the lowest horizontal line in the figure. Support for the amendment is found at least, for example, in the recitation of **3'** at the right end of the corresponding horizontal line higher in the figure as originally filed. FIG. 40C is amended to recite **restoration from the 5' end** above the figure. Support for the amendment is found at least, for example, in paragraph 87 of the application as originally filed. FIG. 40D is amended to recite **4.0** next to the horizontal line below **5.0** and above **3.0**. Support for the amendment is found at least, for example, in FIG. 40D as originally filed.

Applicants believe that no new matter has been added by these amendments.

Amendments to the Sequence Listing

The paper copy of the sequence listing has been replaced with the enclosed substitute sheets marked "Sequence Listing." A substitute computer-readable copy of the sequence is also enclosed. The sequence listing information recorded in computer-readable form is identical to the written sequence listing. Support for the substitute sequence listing is found at least, for example, in the sequence listing as originally filed. Applicants believe that no new matter has been added by these amendments.

Request under 37 C.F.R. § 1.48(b)

Please correct the inventorship of the present application by deleting Jeffrey B. Doyon, Matthew W. Kanan, Xiaoyu Li, Thomas M. Snyder, and Daniel M. Rosenbaum as inventors. Upon entry of the present amendment, the inventive contributions of Jeffrey B. Doyon, Matthew W. Kanan, Xiaoyu Li, Thomas M. Snyder, and Daniel M. Rosenbaum will no longer be claimed. Accordingly, the correct inventive entity for the application will be David R. Liu, Zev J. Gartner and Christopher T. Calderone. Applicants enclose the processing fee set forth in 37 C.F.R. § 1.17(i).

CONCLUSION

Upon entry of the present amendment, claims 24-48 and 104 will be pending in this application. Early favorable action is respectfully solicited. The Office is invited to contact the undersigned to discuss any issues relating to the application.

Respectfully submitted,



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